speedtouch™

SpeedTouch™ 516(i)

Multi-User ADSL2+ Gateway



SpeedTouch 516(i)

Versatility Made Simple

The SpeedTouch 516(i) provides unmatched peace-of-mind to operators looking to deploy a simple and flexible ADSL gateway without making any compromise on performance and security.
It also offers a fast, full-feature routing engine as well as a solid firewall to ensure the best end-user experience.

Easy installation

With the SpeedTouch 516(i), a new standard in user-friendliness has been set. When the installation process is started the end-user is only five clicks away from surfing the web. After connecting PC, laptop, or local area network to the modem over the Ethernet, the advanced Setup Wizard will guide the end-user through the installation process.
The Setup Wizard is easily customizable to the look-and-feel and the network parameters of the service provider, offering a seamless end-user experience to their customers.

Home networking

This gateway is the ideal solution for residential and SOHO users where there is an urgent need to share ADSL access with other family members or colleagues. Residential users will especially appreciate the fact that PCs, game consoles, PDAs, set top boxes, and other devices can instantly connect to the Internet through a single high-speed ADSL point of access.

Security

This ADSL residential gateway has a built-in firewall that denies unauthorized access to all PCs and Internet devices hooked up to the user's broadband ADSL connection. The SpeedTouch 516(i)'s powerful firewall can be configured by end-users, equipment retailers or service providers for a broad range of security policies and requirements. Attacks are stopped in the gateway and will not reach the networked devices. With the SpeedTouch 516(i), you'll be secure 24/7.

A THOMSON BRAND

SpeedTouch™ 516(i)

Multi-User ADSL2+ gateway

Technical summary

Hardware specifications

- Interfaces:
  - LAN:
    - 10/100Base-T (RJ45)
    - MDI/MDI-x autosensing
    - 1 Ethernet port
  - WAN:
    - ADSL line (RJ11) for ADSL/POTS or ADSL/ISDN
- Dimensions: 30 X 147 X 114mm (1.18 x 5.78 x 4.48 in.)
- Temperature: 0°to 40°C (32 to 105 F)
- Humidity: 20% to 80%
- AC voltage: 100 to 120, 220 to 240 V
- Frequency: 50/60 Hz

ADSL modem specifications

- ADSL: G.hs, ANSI, ETSI, G.dmt, G.lite, Annex A, B
- ADSL2: G.dmt2, G.lite2, Annex A, B, L
- ADSL2+: G.dmt2+, Annex A, B, L

Multi-user Router

- ATM-Extensive multi PVC
  - ATM Quality of Service (UBR, CBR, VBR-rt, VBR-nrt)
  - DSLForum TR-37 autoconfiguration
- Bridging-self learning bridge at wire speed
- IP Routing
  - UPnP* certified Internet Gateway Device, enabling major conferencing and gaming technlolgies
  - IPsec passthrough from multiple LAN clients, enabling secure homeworking
  - Supports PPPoE, PPPoA, IPoA, CIP, ETHoA-DNS server and relay, DHCP server and relay
  - Network Address Translation for connection sharing, including support for SIP, H.323, Realaudio, ftp, irc, IKE, IPsec-ESP, Jabber, ILS,...
  - Simultaneous bridging and routing of PPPoE connections, enabling network based VPN's

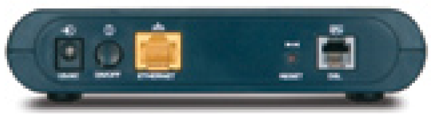
Management

- OS independent on the Ethernet interface
- Easy set-up wizard
- Advanced Management via telnet, HTTP, SNMP, event log
- Integrated firewall
- Easy SW upgrade wizzard

Content of the box

- SpeedTouch 516 or 516i
- Ethernet cable (RJ45)
- Telephone cable (RJ11)
- Cable filter (optional)
- Power adapter
- Quick installation guide
- SpeedTouch set-up CD-ROM

* UPnP™ is a certification mark of the UPnP™ Implementers Corporation



SpeedTouch 516(i)

For more information: www.speedtouch.com

Printed in EU. 516_ed02

A THOMSON BRAND